

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D066-1001 REV. B AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D066-1001 REV. 0 OR LATER APPROVED REVISION

REF. TCCA STC: SH13-43
REF. FAA STC: SR03370NY
REF. EASA STC: 10050454

1.0 PURPOSE

The purpose of this Service Instruction is to illustrate how to install the D066-1001-011/-013 Bearpaw kit with the DART R66 Emergency Float Kits (p/n 649.9401 and 649.9402).

2.0 PROCEDURE

It is acceptable to install the D066-1001-011/-013 Bearpaws with the DART R66 Emergency Float Kits using the DSI9720-011 Clamp kit. The Bearpaw should be installed per IIN-D066-1001, except as outlined below:

- 2.1 Install a QS200M44S Clamp on each Skidtube. The forward edge of the clamp should be 0.63" to 1.50" from the forward edge of the saddle as required to clear the ground handling wheels. △ B
- 2.2 Install each bearpaw with the forward clamp ahead of the QS200M44S Clamp per Figure 1 and using the instructions provided in IIN-D066-1001.

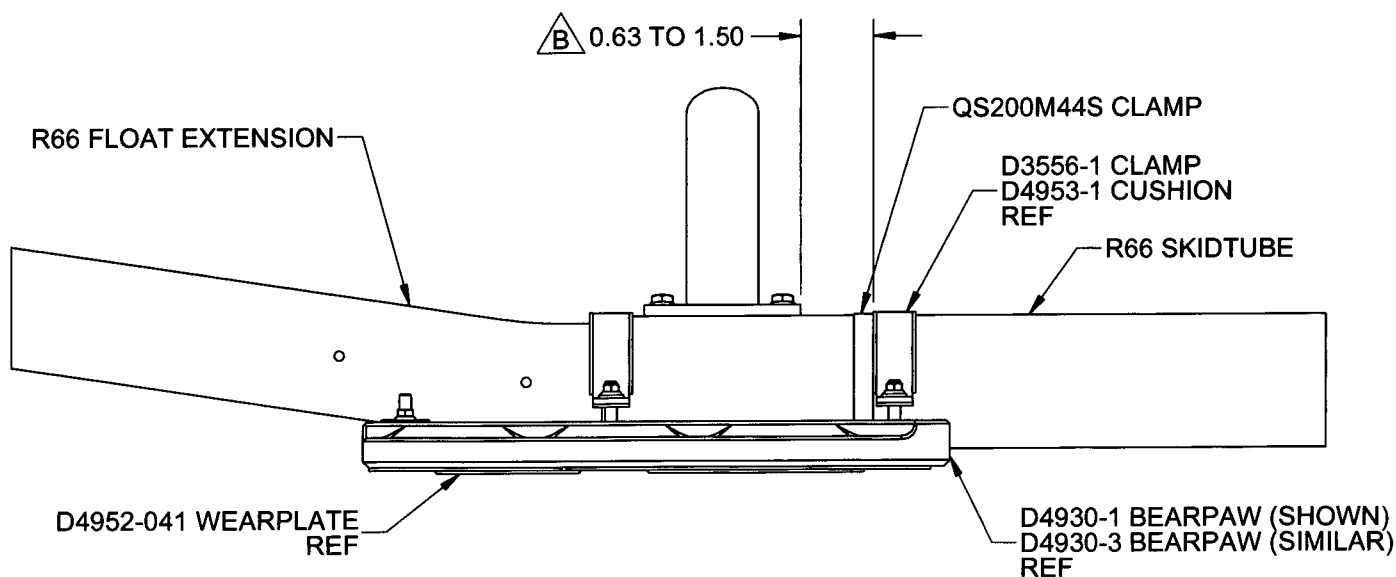


FIGURE 1 - D066-1001-011 Bearpaw Installation with 649.9401/649.9402 Emergency Floats
(-011 SHOWN, -013 SIMILAR)

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

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B	REVISED ITEM 2.1; 0.63 TO 1.50 WAS 1.50. REVISED PARAGRAPH 3.0. REASON: PAR15-405	MB	16.02.05
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DRAWN	MB		
CHECKED	ADS	DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9720	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BEARPAW INSTALL MOD	NTS
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3.0 WEIGHT AND BALANCE

When the bearpaws are relocated per this Service Instruction for compatability with Dart Floats (p/n 649.9401/649.9402), the longitudinal arm and moment published in IIN-D066-1001 Rev. B should be updated as follows:

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
D066-1001-011 <i>Bearpaw Installation (Small) (with Floats)</i>	8.3 lb 3.74 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	122.83 in 3.12 m	1019 in-lb 11.7 m-kg
D066-1001-013 <i>Bearpaw Installation (Large) (with Floats)</i>	9.8 lb 4.41 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	123.92 in 3.15 m	1214 in-lb 13.9 m-kg

4.0 PARTS LIST

The following kit can be procured from Dart to make the bearpaws compatible with Dart floats in accordance with this Service Instruction.




Qty -011	Part Number	Description
X	DSI 9720-011	CLAMP KIT
2	QS200M44S	CLAMP

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CHECKED		DRAWING NO.	REV. B
MFG. APPR.	N/A	DSI 9720	SHEET 2 OF 2
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